THE ROLE AND IMPORTANCE OF DIGITAL TECHNOLOGIES IN PRIMARY EDUCATION

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ANNOTATION: The article discusses the importance of digital technologies in primary education and offers recommendations.

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The development of primary education is important in the implementation of the educational tasks of the New Uzbekistan Development Strategy [1]. It is important to use different forms, tools and methods of teaching. In this respect, the issue of using digital technologies in primary education is a derivative of today's needs. Here we draw your attention to the analysis of this issue. Digital technology content. In the science of pedagogy, the experience of developing teaching technologies based on information and communication tools has emerged since the 90s of the last century [2]. It should be noted that the main focus is on updating the teaching content, using convenient tools, and improving the learning methodology. In this sense, the following are important in the content of digital technology:

1) preparation of teaching and mastering materials based on computer educational and technical means;

2) development of information and communication didactic support of teaching;

3) rational use of available technical opportunities during training;

4) use of educational and technical means by teachers and students

develop skills.

These fundamentals form the content of digital technology. Digital in this preparation and transfer of educational materials on the basis of a computer program

it is worth mentioning that it is implied [3]. Therefore, the main attention is being paid to the use of digital technologies in the education system. The purpose of this is to achieve quality indicators in the educational system and improve the process of learning. Types of digital technologies. There are several types of digital technologies that should be used in primary education. In this regard, it is worth mentioning the following types of digital technologies:1) digital teaching technology based on computer program;

2) electronic-module technology;

3) distance education technology;

4) independent education technology;

5) individual approach technology;

6) Internet education technology;

7) technology of national portals;

8) personal technology of skilled pedagogues. It is appropriate to use these types of digital technologies depending on the school environment and capabilities. For example, today general secondary schools are equipped with modern computer equipment. Therefore, it is important to use the digital technology of computer-based teaching in primary education with its fun, speed and efficiency. For this, the following should be done:

a) preparation of computer versions of subjects;

b) providing students with computer options and using them to create mechanisms c) knowledge of topics related to students through virtual communication and imparting skills;

g) animated and multimedia images of prepared educational materials present richly;

d) control the learning process of students determine the methodology. This approach allows for in-depth teaching of primary education subjects. One of the unique possibilities of digital technologies is the availability of updating educational materials. Therefore, the main attention is being paid to the use of digital technologies in all types of education. Starting from the 2023-2024 academic year, Informatics has been taught in primary classes. This subject plays an important role in the formation of students' computer literacy, data processing skills, and the culture of using technical tools. [4]. Therefore, in the process of teaching this subject, it would be appropriate to organize additional training for elementary school teachers on the skills of using digital technologies. The importance of using digital technologies in primary education. The use of digital technologies in the process of primary education is of great practical importance. The main ones of such importance are:1) to interest primary school students in learning;

2) educational materials are different for primary school students preparation based on tools;

3) a new methodology for the teacher's book of primary school teachers providing recommendations;

4) updating the teaching process in primary education;

5) introducing experiences of foreign countries into the teaching process;

6) individual experiences of skilled primary school teachers popularization;

7) improving the quality of primary education based on digital technologies. Therefore, the use of digital technologies in the process of primary education is important. For this, it is important to do the following. It should be mentioned that:

a) the technology of using digital technologies in primary education

development;

b) selection of effective digital technologies in primary education and

presenting its set for practice;

c) from digital technologies of future elementary school teachers

development of usage skills;

g) Improving the skills of primary school teachers in practical activities in the use of digital technologies at the National Research Institute for Professional Development and Methodology Training of Teachers named after Abdulla Avloni. This approach includes the mechanisms of using digital technologies in primary education. Thus, the use of digital technologies in primary education renews the content of teaching, improves its means and enhances the learning process of students. For this, it is appropriate to monitor the use of digital technologies in primary education in the process of higher pedagogical education. Because the secondary schools of our country are attached to higher pedagogical educational institutions in the regions. Such opportunities should be used wisely. Today, digital technologies are rapidly developing and require keeping up with the times in every field. The use of digital technologies in the education system is of great importance in improving the quality of education and educating socially active young people in the present era, when the speed of information acquisition and use is very large. Previously, we conducted educational programs in the traditional way, that is, in the form of lectures through large-sized books and manuals. This, in turn, did not ensure that the quality of education was so high. Currently, the process of digitalization of education has begun to improve the quality of education. The current state of the education system is characterized by the increasing role of non-traditional educational technologies. Learning by the learner with their help is much faster than with traditional technologies. These technologies change the nature of knowledge development, acquisition and distribution, deepening and expanding the content of studied subjects, quickly updating it, using more effective teaching methods, as well as significantly expanding educational opportunities for everyone. gives We answer the question of what digital technology is as follows: it is a modern form of economic management. in it, a large set of data in digital form and the process of their processing serve as the main factor of production and management. Using the obtained results in practice makes it possible to achieve much greater efficiency compared to traditional forms of management. For example, various automatic production processes, 3D technology, cloud technologies. It is possible to mention the provision of remote medical services, the production and delivery of products with the help of smart technologies, the processes of storing and selling various goods. In this article, we will focus instead on digitization in the education system.

If education is provided through digital technologies, the methods of education are becoming easier for learners. In this case, multimedia, overhead projector, computer, laptop, televisions connected to the Internet, telephone lines, smart boards, and projectors play the role of educational system mediators. Teaching teachers with such tools ensures the improvement of the quality of education.

One of the main technologies based on digital information is the Internet of Things. It is common for many household appliances to be connected to the electrical network, but gradually more and more objects of the physical world are connected to the Internet, which makes it possible to collect information and even control these objects remotely. In fact, a virtual copy of a physical object appears on the Internet, containing various parameters of the object and the outside world, and allowing to control the object via the Internet. As an example of the Internet of Things, a device such as a projector in a movie theater sends a signal to the technical support service about a detected fault and a list of parts that need to be replaced as part of unscheduled maintenance. Digital technologies - augmented reality (AR). The most promising is augmented reality, which allows adding objects from the virtual world to the real world technology. Imagine walking down the street and seeing more information about things and people around you. Examples of augmented reality already exist and are actively used, in some amusement parks you can already see signs that show the connections between objects in the physical world and the virtual world.

Games with elements of augmented reality are actively spreading, clothing stores have virtual windows and fitting rooms, augmented reality is already being tested in cars.

Digital technologies - virtual reality (Virtual reality, VR). The emergence of technical devices that allow a person to be in virtual reality has made this technology in demand in the entertainment industry. Helmets and suits of virtual reality, specialized rooms allow you to enter an unknown world, all your actions are programmed to respond from the virtual world, which allows you to immerse yourself 100%. In the field of education, VR is changing the way students learn. The use of VR in classrooms helps students learn by better assimilation of knowledge and difficult concepts. plays It serves to organize modern education and increase the effectiveness of education.

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